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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/606,591	06/26/2003	Christopher A. Evans	MS1-492USC1	5068
22801	7590	08/08/2007		
LEE & HAYES PLLC 421 W RIVERSIDE AVENUE SUITE 500 SPOKANE, WA 99201			EXAMINER NGUYEN, LE V	
			ART UNIT 2174	PAPER NUMBER
			MAIL DATE 08/08/2007	DELIVERY MODE PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

99

<b>Office Action Summary</b>	<b>Application No.</b> 10/606,591	<b>Applicant(s)</b> EVANS ET AL.	
	<b>Examiner</b> Le Nguyen	<b>Art Unit</b> 2174	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 25 May 2007.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 22-42 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 22-42 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)          | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

### DETAILED ACTION

1. This communication is responsive to an amendment filed 5/25/07.
2. Claims 22-42 are pending in this application; and, claims 22, 29 and 36 are independent claims. Claims 22, 25-29, 32-36 and 39-42 have been amended; and, claims 1-21 have been canceled. This action is made Final.
3. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

### ***Claim Rejections - 35 USC § 102***

4. Claims 22-25, 28-32, 35-39 and 42 are rejected under 35 U.S.C. 102(e) as being anticipated by *UNIX Unleashed* ("UNIX").

As per claim 22, UNIX teaches method comprising configuring a single computer to be concurrently and physically shared by multiple users by executing a plurality of concurrent switchable remote process enabled workspace environments within the single computer (page 20; *multiple users share a single computer such as a server via, for example, terminals, the single computer is able to initiate remote processes*) comprising presenting a logon UI to each user physically seeking to use the single computer and within the single computer initiating a separate remote process thread for each user that is authenticated by the logon UI, initiating a separate remote process associated with each remote process thread for the concurrent switchable remote process enabled workspace environments, displaying computer only one of the process

enabled workspace environments as active at a time and maintaining a list of remote process threads to support switching from a first remote process to a second remote process (page 266; *UNIX uses XWindow where users use separate threads to login*).

As per claim 23, UNIX teaches method for use in a multiple user computing environment logon user interface comprising establishing a separate user environment associated with each remote process (page 81).

As per claim 24, UNIX teaches method for use in a multiple user computing environment logon user interface comprising launching a separate user shell associated with each remote process (page 266, and *rlogin*).

As per claim 25, UNIX teaches method for use in a multiple user computing environment logon user interface comprising selectively switching from a first one of the multiple remote processes to another of the multiple remote processes without terminating the remote process thread associated with the first one of the multiple remote processes (page 20).

As per claim 28, UNIX teaches method for use in a multiple user computing environment logon user interface comprising selectively removing the remote process thread from the list of remote process threads when the user logs off (page 24; *wherein the shell or process is terminated*).

Claims 29 and 36 are individually similar in scope to claim 22 and are therefore rejected under similar rationale.

Claims 30 and 37 are individually similar in scope to claim 23 and are therefore rejected under similar rationale.

Claims 31 and 38 are individually similar in scope to claim 24 and are therefore rejected under similar rationale.

Claims 32 and 39 are individually similar in scope to claim 25 and are therefore rejected under similar rationale.

Claims 35 and 42 are individually similar in scope to claim 28 and are therefore rejected under similar rationale.

***Claim Rejections - 35 USC § 103***

5. Claims 26, 27, 33, 34, 40 and 41 are rejected under 35 U.S.C. 103(a) as being unpatentable over *UNIX Unleashed* ("UNIX").

As per claims 26 and 27, UNIX teaches method for use in a multiple user computing environment logon user interface comprising switching from a first one of the multiple remote processes to another of the multiple remote processes without terminating a remote process thread associated with the first one of the multiple remote processes and launching a separate user shell associated with each remote process (pages 20 and 266). UNIX does not explicitly disclose automatically switching to a logon screen following a defined period of user inactivity. Official Notice is taken that automatically switching to a logon screen after a period of user inactivity is well known in the art. It would have been obvious to an artisan at the time of the invention to utilize the feature of automatically switching to a logon screen after a period of user inactivity with the method of UNIX in order to provide an added security measure of preventing

others from viewing sensitive materials at a computing site in the event the user is no longer attending to the computing site.

Claims 33 and 34 in combination are similar in scope to the combination of claims 26 and 27 and are therefore rejected under similar rationale.

Claims 40 and 41 in combination are similar in scope to the combination of claims 26 and 27 and are therefore rejected under similar rationale.

### ***Response to Arguments***

6. Applicant's arguments filed 5/25/07 have been fully considered but they are not persuasive.

Applicant argued the following:

In light of the amendments, applicant submits that the rejections under Unix is moot.

The Office disagrees for the following reasons:

Upon further review, it appears that Unix teaches a single computer such as a server that initiate remote processes through multiple terminals, the single computer concurrently and physically shared by multiple users (page 20). By "remote process", it appears applicant possibly meant local process. If this is the case, applicant is invited to amend the claim language from remote process to local process where applicable.

Furthermore, the Office notes that applicant did not contest the factual assertion set forth under Official Notice in paragraph two of section eight of the Office Action of 2/27/07.

***Conclusion***

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Hickman (US 7,007,070 B1) teaches a method and apparatus for computing over a WAN.

**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

***Inquires***

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Examiner Lê Nguyen whose telephone number is **(571) 272-4068**. The examiner can normally be reached on Monday - Friday from 7:00 am to 3:30 pm (EST).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine Kincaid, can be reached at (571) 272-4063.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

lvn  
Patent Examiner  
July 31, 2007

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